

FOR PTO 1390
(REV 5-93)

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER
2005_0329AU.S. APPLICATION NO.
(if known see 37 CFR 1.5
NEW)

107526543

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. §371International Application No.
PCT/JP2003/011268International Filing Date
September 3, 2003Priority Date Claimed
September 4, 2002Title of Invention
REGULATORS FOR IMPLANTATION

Applicant(s) For DO/EO/US

Kazuhiko IMAKAWA, Kentaro NAGAOKA, Fumiko WATANABE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. §371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US)
6. A translation of the International Application into English (35 U.S.C. §371(c)(2)). **ATTACHMENT A**
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19.
9. An oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). **ATTACHMENT B**
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

Items 11. to 14. below concern other document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98 **ATTACHMENT C**
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment. **ATTACHMENT D**
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. Other items or information: ■ WO 2004/022082 - **ATTACHMENT E**

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

U.S. APPLICATION NO. NEW 111526543		INTERNATIONAL APPLICATION NO. PCT/JP2003/011268		ATTORNEY'S DOCKET NO. 2005_0329A	
15. [X] The following fees are submitted				CALCULATIONS	PTO USE ONLY
Basic National Stage Fee		\$300.00			
National Stage Search Fee		\$400.00			
National Stage Examination Fee		\$200.00			
Specification/drawings in excess of 100 pages (units of 50 x \$250.00) =		\$250.00			
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$1,150.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	31 -20 =	11	X \$50.00	\$550.00	
Independent Claims	24 - 3 =	21	X \$200.00	\$4,200.00	
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS =				\$5,900.00	
<input type="checkbox"/> Small Entity Status is hereby asserted. Above fees are reduced by 1/2.				\$	
SUBTOTAL =				\$5,900.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$5,900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	
TOTAL FEES ENCLOSED =				\$5,900.00	
				Amount to be refunded	\$
				Amount to be charged	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$5,900.00</u> to cover the above fees is enclosed. A duplicate copy of this form is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No.23-0975 in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.<u>23-0975</u>.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>					
19. CORRESPONDENCE ADDRESS			<p>By: <u>Warren Cheek Jr.</u> Warren M. Cheek, Jr., Registration No. 33,367</p> <p>WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250</p> <p>March 3, 2005</p>		
<p>[CHECK NO. _____] <small>[2005_0329A]</small></p>					

109/526543

EX-2003 03 MAR 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE INTERNATIONAL

APPLICATION OF: Kazuhiko IMAKAWA, et al.

INTERNATIONAL SERIAL NO: PCT/JP03/11268

INTERNATIONAL FILING DATE: 03.09.03

FOR: REGULATORS FOR IMPLANTATION

Verification of Translation

Honorable Commissioner of Patents & Trademarks
Washington, D.C. 20231

Sir:

Akinobu MIZUNO, a translator of Lions Mansion

Shibuya Dogenzaka 303, 22-12, Maruyama-cho, Shibuya-ku,
Tokyo 150-0044 Japan

declares:

- 1) that he knows well both the Japanese and English languages;
- 2) that he translated the above-identified International Application from Japanese to English;
- 3) that the attached English translation is a true and correct translation of the above-identified International Application to the best of his knowledge and belief; and
- 4) that all statements made of his own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: February 28, 2005

By:

AKINOBU MIZUNO



10/526543

DT06 Rec'd FST/FTD 03 MAR 2005

COMPLETE SPECIFICATION

TO BE

FILED

IN

THE UNITED STATES OF AMERICA

FOR

REGULATORS FOR IMPLANTATION

Applicants: Kazuhiko IMAKAWA, a citizen of Japan
c/o The University of Tokyo
1-1, Yayoi 1-chome, Bunkyo-ku,
Tokyo 113-8657 Japan

Kentaro NAGAOKA, a citizen of Japan
1179, Shimotogari,
Nagaizumi-cho, Sunto-gun,
Shizuoka 441-0943 Japan

Fumiko WATANABE, a citizen of Japan
c/o R&D Department
HIGETA SHOYU CO., Ltd.
2-8, Chuo-cho, Choshi-shi,
Chiba 288-8680 Japan